

CURRENT LISTING OF CLAIMS

1. (Original) An electrokinetic device fabricated from a polyol (allyl carbonate) polymer.
2. (Previously presented) The electrokinetic device of claim 1, wherein said device is a Capillary electrophoresis device, Capillary Zone electrophoresis device, Free Zone electrophoresis device, Micellar Electrokinetic Capillary Chromatography device, Affinity capillary electrophoresis device, Capillary isoelectric focusing, Isotachophoresis device, Capillary Gel Electrophoresis device, Capillary Electrochromatography device, Electrokinetic Chromatography device, Nonaqueous Capillary Chromatography device, or Dielectrophoresis device.
3. (Original) The electrokinetic device of claim 1, wherein said polyol (allyl carbonate) polymer is diethylene glycol bis(allyl carbonate) or a copolymer comprising greater than about 10% diethylene glycol bis(allyl carbonate).
4. (Original) The electrokinetic device of claim 1, wherein said polymer is generated by polymerizing a prepolymer of polyol (allyl carbonate).
5. (Original) The electrokinetic device of claim 1, wherein the chemical properties of said polyol (allyl carbonate) polymer are modified by hydrolysis.
6. (Original) The electrokinetic device of claim 1, wherein the chemical properties of said polyol (allyl carbonate) polymer are modified by attachment of a ligand.

Claims 7-28 (Canceled).

28. (Previously presented) The electrokinetic device of claim 2, wherein said device is a Capillary electrophoresis device.
29. (Previously presented) The electrokinetic device of claim 2, wherein said device is a Capillary Zone electrophoresis device.
30. (Previously presented) The electrokinetic device of claim 2, wherein said device is a Free Zone electrophoresis device.

31. (Previously presented) The electrokinetic device of claim 2, wherein said device is a Micellar Electrokinetic Capillary Chromatography device,

32. (Previously presented) The electrokinetic device of claim 2, wherein said device is a Affinity capillary electrophoresis device.

33. (Previously presented) The electrokinetic device of claim 2, wherein said device is a Capillary isoelectric focusing, Isotachophoresis device.

34. (Previously presented) The electrokinetic device of claim 2, wherein said device is a Capillary Gel Electrophoresis device.

35. (Previously presented) The electrokinetic device of claim 2, wherein said device is a Capillary Electrochromatography device.

36. (Previously presented) The electrokinetic device of claim 2, wherein said device is a Electrokinetic Chromatography device.

37. (Previously presented) The electrokinetic device of claim 2, wherein said device is a Nonaqueous Capillary Chromatography device.

38. (Previously presented) The electrokinetic device of claim 2, wherein said device is a Dielectrophoresis device.